

learning_rate	dropout_rate	num_conv_layers	conv_units	padding	pooling_type	use_batch_norm	pooling_size	activation	optimizer	dense_units	latent_dim	regularization_type	l1_reg	l2_reg	batch_size	epochs	Trial ID	Final Validation Loss	l1_ratio
0.0001	0.30000000000000004	2	96	same	average	True	2x2	selu	sgd	14	2	l2	3.2455763842005685e-01	1e-05	16	15	00	\textbf{3.15377063751220}	nan
0.01	0.4	3	32	same	average	False	3x3	relu	rmsprop	6	2	l2	1.7055192315911628e-05	5.305098093013844e-05	32	30	01	\textbf{1.14308524131774}	nan
0.0001	0.4	3	96	same	average	True	2x2	relu	rmsprop	10	2	l2	0.0021484372500990189	7.73248836852983e-05	32	30	02	\textbf{4.67066392898559}	nan
0.0001	0.30000000000000004	2	128	same	average	True	3x3	relu	sgd	12	2	l2	1.2653527261153126e-01	0.001103668123263989	64	30	03	\textbf{3.31937289237976}	nan
0.001	0.30000000000000004	4	96	same	average	True	3x3	relu	adam	2	2	l1	0.0011864830142695020	0.002805012210975853	16	15	04	\textbf{1.54601829051971}	nan
0.01	0.1	2	32	same	max	True	2x1	tanh	adam	4	2	l2	0.0003016227454382245	0.000735323218543868	16	30	05	\textbf{3.04460115432739}	nan
0.0001	0.0	4	96	same	average	True	3x3	relu	adam	6	2	l2	0.0005931584175177280	0.0003565156789196240	64	40	06	\textbf{3.99170739650726}	nan
0.001	0.4	4	32	same	average	True	2x2	tanh	adam	4	2	elasticnet	0.0008222951157414910	0.001608833465030464	64	30	07	\textbf{1.27284796237945}	0.0
0.001	0.30000000000000004	2	128	same	average	True	3x1	selu	sgd	12	2	l1	3.9310865779033706e-00	0.0007865945397783709	16	50	08	\textbf{3.17216124534606}	0.6000000000000001
0.0001	0.2	2	32	same	max	True	3x3	tanh	sgd	14	2	elasticnet	0.0005050850713898751	0.0927488888437072e-0	64	40	09	\textbf{3.19977989196777}	0.4
0.001	0.30000000000000004	3	128	same	max	False	3x1	selu	adam	10	2	l2	4.0553924162259736e-01	0.004677927805560216	32	15	10	\textbf{1.18119003772735}	0.5
0.01	0.2	2	96	same	max	True	3x3	tanh	rmsprop	10	2	l2	0.0004712555857031652	2.769823011981606e-0	16	30	11	\textbf{2.99940180778503}	0.7000000000000001
0.01	0.30000000000000004	4	64	same	average	True	2x2	relu	rmsprop	8	2	elasticnet	0.0002801593067889755	0.00598389982358588	128	40	12	\textbf{1.29445660114288}	0.6000000000000001
0.01	0.2	3	32	same	max	False	2x1	selu	rmsprop	4	2	l2	0.0001219147462925330	0.004438186255424764	128	40	13	\textbf{1.09995729923248}	0.6000000000000001
0.0001	0.0	4	64	same	max	False	3x3	tanh	rmsprop	4	2	elasticnet	0.0002327249375814317	3.262766219514688e-0	32	40	14	\textbf{1.45496020317077}	0.9
0.001	0.0	3	32	same	average	False	2x2	selu	sgd	2	2	l1	1.7712345526835492e-05	5.101462250647536e-05	128	50	15	\textbf{1.15859334468841}	0.7000000000000001
0.01	0.30000000000000004	2	32	same	average	True	2x2	relu	sgd	2	2	elasticnet	0.00011516939593346940	0.000515956994183704	16	30	16	\textbf{3.18975872993469}	0.1
0.0001	0.4	3	96	same	max	False	2x1	relu	adam	4	2	l2	1.330625082247861e-08	0.0002386637320343500	64	15	17	\textbf{1.93001034259796}	0.5
0.001	0.30000000000000004	3	128	same	average	True	2x2	selu	adam	16	2	l2	0.0006221690473382057	0.00804925654160973	128	50	18	\textbf{1.82183973789215}	0.0
0.001	0.30000000000000004	3	64	same	average	True	3x1	relu	rmsprop	4	2	elasticnet	9.841591274915134e-09	0.0035545092740002864	16	50	19	\textbf{1.17200801372528}	0.6000000000000001
0.01	0.1	2	96	same	max	False	2x1	relu	sgd	2	2	l1	2.3684588651926556e-00	0.0022564760312360843	16	20	20	\textbf{3.19357218742370}	0.1
0.0001	0.4	3	96	same	average	True	3x3	tanh	rmsprop	2	2	elasticnet	0.0004995888634787179	0.006238080376266877	64	15	21	\textbf{4.10359487533569}	0.0
0.0001	0.2	3	64	same	max	True	2x1	relu	rmsprop	10	2	l1	0.00172758280119685960	0.001609987363293902	16	15	22	\textbf{3.18838663101196}	0.8
0.01	0.2	2	128	same	average	True	2x2	tanh	adam	12	2	elasticnet	0.0006101513027690688	0.0003312519413023406	32	40	23	\textbf{3.0759239673614}	0.1
0.001	0.30000000000000004	2	64	same	max	False	2x2	relu	rmsprop	16	2	l1	2.125367827309224e-08	0.0381276166786064e-0	32	50	24	\textbf{3.00987558364868}	0.0
0.0001	0.0	4	96	same	average	False	2x2	relu	rmsprop	12	2	l2	0.0001114324840528304	6.543487342041362e-0	32	50	25	\textbf{1.14055755138397}	0.30000000000000004
0.01	0.4	3	96	same	average	True	3x1	tanh	rmsprop	6	2	elasticnet	6.893592649301023e-09	0.0003125939200993073	32	40	26	\textbf{1.03905044794082}	0.1
0.001	0.4	4	32	same	max	False	2x2	selu	rmsprop	6	2	elasticnet	0.0039704538935202368	8.824169269161268e-05	128	50	27	\textbf{1.37212293148040}	0.30000000000000004
0.01	0.0	3	64	same	average	True	3x1	tanh	adam	4	2	l1	6.927243594298485e-053	1.87440534202195e-05	16	40	28	\textbf{1.03212074041366}	0.5
0.001	0.30000000000000004	3	96	same	average	True	3x1	tanh	sgd	16	2	elasticnet	0.00079260269260273760	0.000582906468360246	32	50	29	\textbf{2.27618064880371}	0.9
0.001	0.1	4	128	same	average	False	3x3	tanh	sgd	6	2	elasticnet	0.0001363903493315768	0.001125897724325592	32	30	30	\textbf{1.555070090293884}	0.9
0.001	0.2	3	64	same	max	True	2x1	tanh	adam	8	2	l2	0.0013734320770410159	0.0006451639837422552	128	15	31	\textbf{1.77970457077026}	0.7000000000000001
0.001	0.1	4	32	same	average	True	2x1	selu	rmsprop	2	2	elasticnet	1.7761282938388256e-00	0.0001959699989503386	16	30	32	\textbf{0.99345133304595}	0.30000000000000004
0.001	0.2	4	32	same	average	True	3x3	selu	sgd	14	2	l1	1.1701509150764254e-01	0.0003071048826934459	64	30	33	\textbf{0.924755692481994}	0.9
0.001	0.30000000000000004	2	64	same	average	True	3x1	tanh	rmsprop	14	2	l2	1.1946863883107858e-00	0.0002894996542227201	32	30	34	\textbf{3.0081760883331}	0.4
0.001	0.2	3	128	same	max	False	2x1	relu	sgd	4	2	l2	0.0064261526489893260	0.0008145957107201968	32	50	35	\textbf{1.33124670982360}	0.8
0.01	0.0	3	96	same	max	False	2x2	relu	sgd	8	2	elasticnet	1.3084113178436092e-01	0.002313495702757012	16	40	36	\textbf{1.17380077838897}	0.4
0.001	0.4	2	96	same	max	True	3x3	selu	adam	16	2	elasticnet	0.0053571222538167870	0.0012740556224279593	16	50	37	\textbf{3.22201957702636}	0.4
0.01	0.30000000000000004	4	32	same	max	False	3x3	selu	sgd	4	2	l2	0.0046859276981796640	0.0014552951806228559	32	15	38	\textbf{\textbf{nan}}	0.5
0.0001	0.1	3	128	same	max	False	2x1	tanh	adam	16	2	l1	6.345127004270765e-08	0.0003280464116486103	64	15	39	\textbf{1.61329174041748}	0.6000000000000001
0.001	0.4	3	32	same	average	True	3x3	selu	adam	10	2	l1	9.362649137761363e-09	0.0020770341031481729	64	50	40	\textbf{1.45796890258789}	0.8
0.01	0.30000000000000004	2	64	same	max	True	3x3	selu	rmsprop	6	2	elasticnet	2.0565513775327902e-02	1.12781863769692e-05	128	50	41	\textbf{3.3947753639221}	0.5
0.001	0.0	2	128	same	max	True	3x1	tanh	rmsprop	2	2	elasticnet	0.00277214230007324367	7.82338769186256e-05	16	30	42	\textbf{3.16499319076538}	0.2
0.001	0.0	4	64	same	average	False	3x1	selu	sgd	12	2	l2	0.0032492524782539709	8.143214309884697e-01	128	15	43	\textbf{173980415655131.9}	0.9
0.0001	0.0	4	32	same	max	False	2x2	relu	sgd	8	2	elasticnet	0.00818635940761089	0.00125003485633568	32	30	44	\textbf{4.56899232864379}	0.8
0.0001	0.0	4	96	same	average	True	3x1	relu	sgd	14	2	l2	5.9205123621430116e-01	0.0003404781517324063	64	50	45	\textbf{1.06191637516021}	0.8
0.001	0.4	4	128	same	max	True	2x1	selu	sgd	2	2	l2	2.4002375103203264e-01	3.923100957595495e-01	16	15	46	\textbf{1.02273604869842}	0.5
0.01	0.4	4	96	same	average	True	2x1	relu	adam	10	2	elasticnet	8.328551302859613e-050	0.001959370984903575	64	30	47	\textbf{1.30030827522277}	0.2
0.01	0.4	3	32	same	average	False	3x3	relu	sgd	12	2	l2	0.00011530373913524305	9.9077486193717227e-05	64	30	48	\textbf{4.67310638427734}	0.6000000000000001
0.0001	0.30000000000000004	2	96	same	average	False	2x2	tanh	adam	12	2	elasticnet	0.0008735819048938620	0.0003307813841875074	32	50	49	\textbf{3.43439021110534}	0.4